AMENDMENTS

In the Specification:

Please enter the following amendments:

Please insert the attached "Sequence Listing" as separately numbered pages 1-10 after the abstract, replacing all previously provided sequence listings.

Please replace the paragraph beginning on line page 39, line 8 with the following rewritten paragraph:

4. FRET assay. A pQE30-based plasmid encoding a triple fusion HcRed2A-HcRed2A-EYFP was constructed. The EYFP-coding region was amplified from the pEYFP-N1 vector (Clontech). An amino acid linker, RTRAPAGIEGR B **(SEQ ID NO:13)**, between the second HcRed2A and EYFP was introduced by polymerase chain reaction (recognition site for factor Xa is underlined). Purified protein was digested with factor Xa (Promega) in buffer containing 100 mM NaCl, 2 mM $CaCl_2$ and 20 mM Tris-Cl, pH 8.0. Fluorescence spectra (excitation at 490 nm) before and after digestion were measured using a Carry Eclipse Fluorescence Spectrophotometer (Varian). Excitation 460-490 nm, emission LP 510 nm and emission LP 610 nm filters were used with an Olympus SZX12 stereomicroscope to visualize protein samples.